



QC Chart Tool v1.3

Installation and Configuration Guide

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This guide describes the steps that are needed to install QC Chart Tool software and to configure its database.

QC Chart Tool v1.3 works with Feature Extraction v9.5.3 through v10.7. If you are running Feature Extraction v.9.5.1 or earlier, you will need to upgrade your Feature Extraction software before you install or update QC Chart Tool.

For information on using the QC Chart Tool, refer to the *QC Chart Tool v1.3 User Guide* (G4460-90021).



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Step 1. Prepare for installation

- 1 Check that you have the following capabilities and virtual memory settings.

Software

Operating System

Windows 2000 SP4 or later

Windows XP 32-bit

Windows Server 2003 SP1^{*}

Windows Vista 32-bit[†]

Windows Vista X64^{†‡}

Windows XP X64^{†‡}

Internet Explorer 6.0 or later

Adobe Acrobat Reader 4.0 or later

Windows Installer 3.1 or later

^{*} Feature Extraction software will run under Terminal Services but only one user will be allowed to run Feature Extraction at any given time.

[†] Feature Extraction software v 10.7 and v10.5 and QC Chart Tool v1.3 install under Windows Vista 32-bit and 64-bit operating systems.

[‡] Feature Extraction software and QC Chart Tool v1.3 will not install under IA-64 Itanium Architectures, only 64-bit x86 (X64-based PC) architectures.

Hardware

Pentium III 1.5 GHz or higher (Pentium IV 2.0 GHZ or higher recommended)

2 GB RAM (4 GB recommended)

40 GB available disk space

- 2 Log onto the system as a user with administrative privileges.
- 3 If you are upgrading from FE v9.5.3 to Feature Extraction v10.7, and you have QC Chart Tool data that you want to save, export your database. See the Agilent Feature Extraction Software v10.7 *Installation Guide* for instructions on how to export the existing QC Chart Tool database.

The Feature Extraction and QC Chart Tool database format was changed from v9.5.3 to v10.7. To migrate your QC Chart Tool database to the new format, you will export your QC Chart Tool database, then import it at the end of the installation process.

CAUTION

If you do not back up your existing QC Chart Tool data, and you are upgrading Feature Extraction from v9.5.3 or earlier to v10.7, the data that was previously loaded into the QC Tool database will be deleted.

Step 2. Install Feature Extraction Software

Feature Extraction v10.7 and v10.5 installation includes the option to install QC Chart Tool. See the *Feature Extraction Installation Guide* (G4460-90017) for detailed instructions.

You can download the Feature Extraction Installation Guide from <http://www.agilent.com/chem/fe4me>.

Step 3. Select to install QC Chart Tool

QC Chart Tool is one of the components that you can select to install in the Feature Extraction v10.7 and v10.5 installation wizard.

- 1 In the **Select Features** page of Feature Extraction InstallShield Wizard, make sure that QC Chart Tool is selected to be installed with Feature Extraction. See the *Feature Extraction Installation Guide* (G4460-90023) for detailed instructions.

Step 4. Configure the QC Chart Tool Database

Do this step if you are installing QC Chart Tool for the first time. If you are upgrading to QC Chart Tool v1.3 from a previous version and the QC Chart DB is already configured, then skip this step.

- 1 Open QC Chart Tool
- 2 Click **Configure > Database Settings**.
- 3 Complete the **QC Chart Database Settings** dialog box:
 - a Open the Feature Extraction program, click **Help > About**, then under **Product System**, next to **DB Connection**, copy the name between **SERVER=** and **;DATABASE**.

In [Figure 1](#) below, the server name to copy is **A0003133\AGTFEDB**.

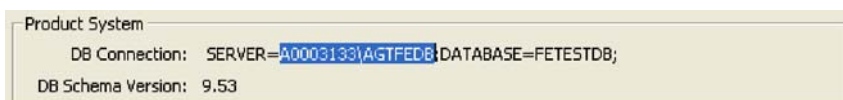


Figure 1 SQL Server Instance Name selected from the Feature Extraction About message box.

- b Paste the server name into the **SQL Server Instance Name** text box in the QC Chart Database Settings window. See [Figure 2](#).
- c Click the **Create new database** radio button
- d Click the ... button next to the **Specify folder name to store database files** text field, then click **OK** to accept the default folder **C:\Program Files\Agilent\MicroArray\FeatureExtraction\Data\MSSQL.1\MSSQL\Data**, or select a different folder and click **OK**.
- e Type **sa** in the **User name** text box.
- f Type **#Welcome\$** into the **Password** text box.
- g Click **Done** to close the QC Chart Database Settings window.

Step 5. Import the QC Chart Tool database

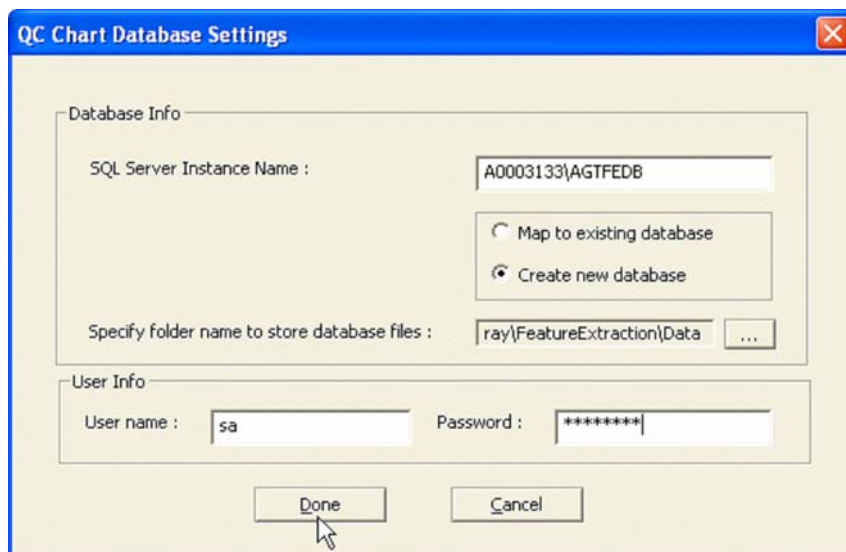


Figure 2 QC Chart Database Settings dialog box

If you need to map the tool to some other user's database, repeat this process from [step 2](#) with these exceptions:

- Change **SQL Server Instance Name** to the appropriate machine name.
- Select **Map to existing database**.

Step 5. Import the QC Chart Tool database

Do this step if you exported your QC Chart Tool database and you upgraded to Feature Extraction v10.7 from v9.5.3 or earlier.

- 1 Click **File > Import Database**.
- 2 Select the database to import.

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